



COMMUNITY DEVELOPMENT DEPARTMENT

CITY OF SANTA BARBARA SEA-LEVEL RISE ADAPTATION PLAN SUBCOMMITTEE

December 9, 2020

Revised Agenda

- A. Revised Final Draft Sea-Level Rise Adaptation Plan

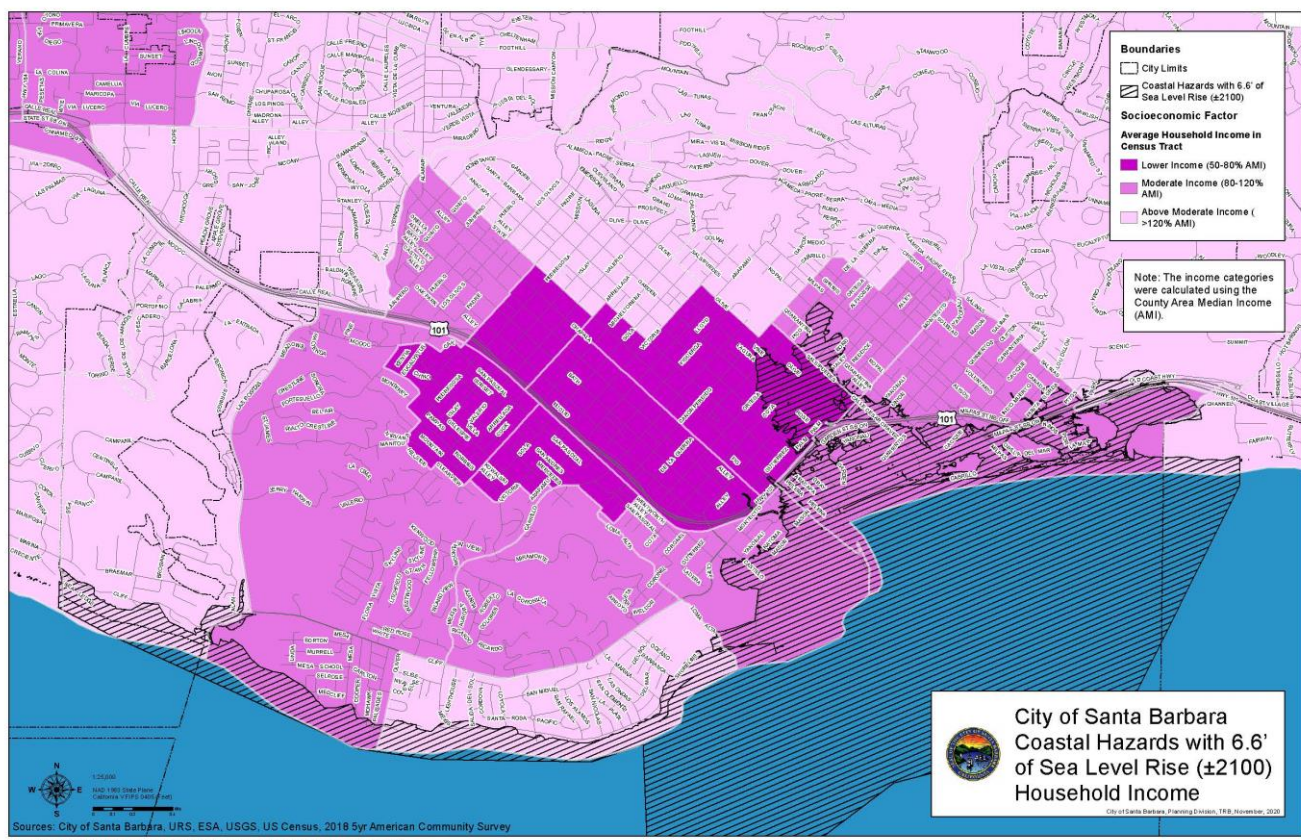
Public Comment

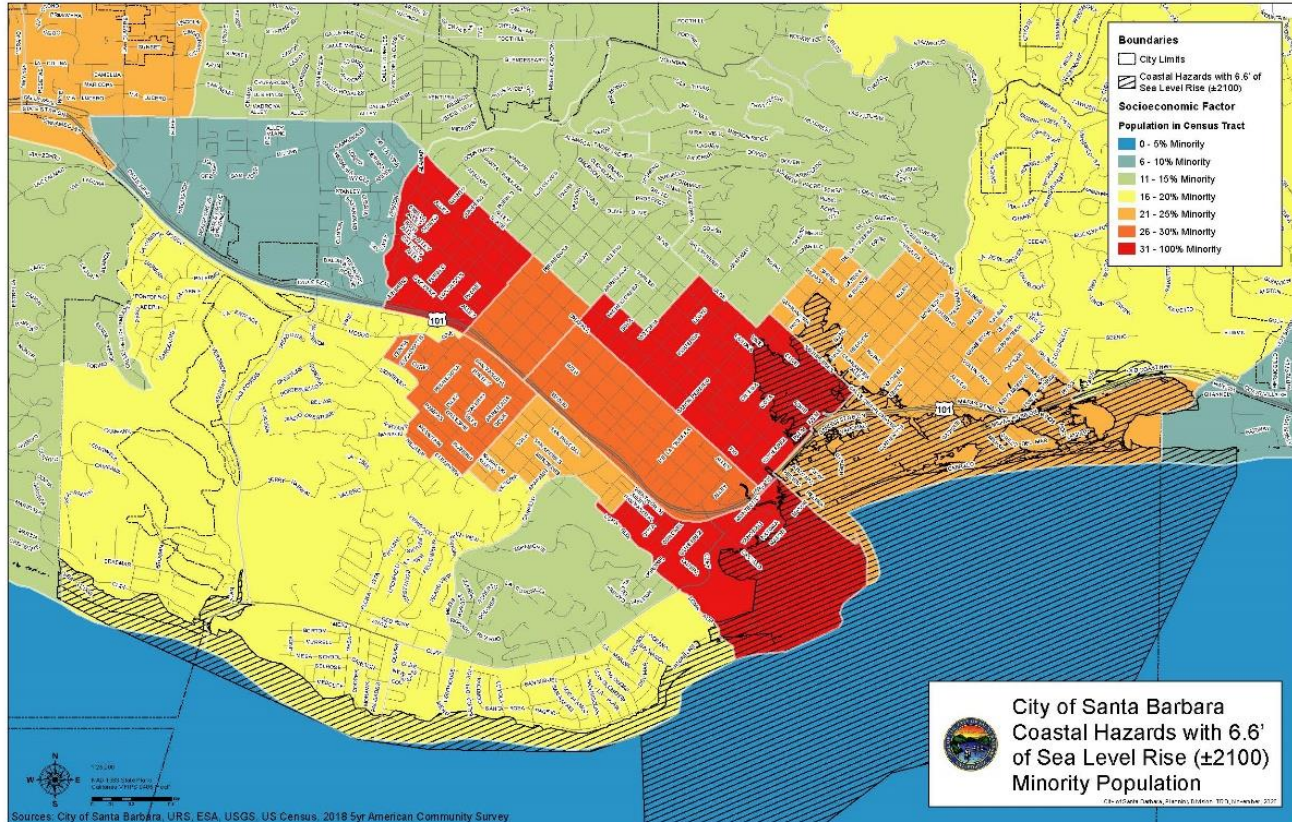
- B. Subcommittee Recommendation to Council

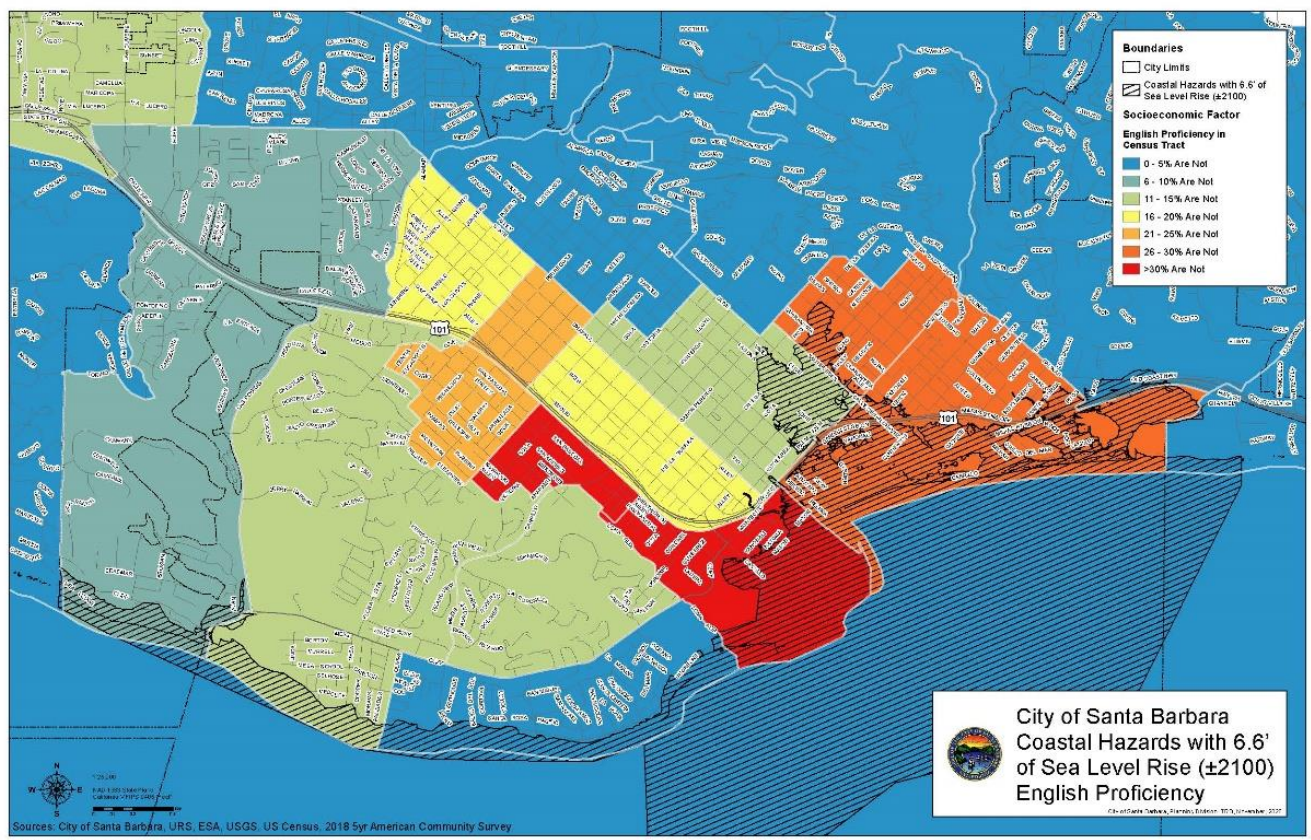
REVISED FINAL DRAFT SEA-LEVEL RISE ADAPTATION PLAN

Major Changes to the Draft Adaptation Plan

- Addition of Section 11 Socioeconomic Analysis
 - Demographics (race, ethnicity, age) of 6.6' of SLR impact area fairly similar to average of overall City, except the impact area has more renters
 - 6.6' of SLR impacts disadvantaged, low income, high minority, and low English proficiency census blocks in lower Westside and Eastside neighborhoods.







Major Changes to the Draft Adaptation Plan

- Addition of historic flooding and erosion information
- Clarification of how much sea levels have already risen:
 - Approximately 0.39' (4.7") in last 100 years
 - Approximately 0.08' (1") since 2000 (which is the baseline year for the sea-level rise projections of 0.8' by 2030; 2.5' by 2060; and 6.6' by 2100)

Major Changes to the Draft Adaptation Plan

- Clarification of effectiveness of groins along bluffs
- Addition of near-term actions:
 - Socioeconomic study
 - Groundwater contamination study
 - Incentives for voluntary resilience measures
 - Creek setbacks that factor in SLR

Major Changes to the Draft Adaptation Plan

- Guiding Principle 5. Encourage:
 - a. Adaptation strategies that broadly benefit the community
 - b. Equitable sharing of costs and benefits of sea-level rise and related hazards
 - c. Adaptation strategies that benefit or minimize impacts to vulnerable populations that may have a higher sensitivity and lower adaptive capacity to hazards
 - d. Adaptation strategies that have co-benefits, such as greenhouse gas reduction, resiliency to other climate change impacts, habitat protection or creation, creation of new recreation opportunities, improvements to coastal resources, or economic enhancement
 - e. Emergency response and recovery coordination that factor in increased hazards due to sea-level rise
 - f. Greenhouse gas reductions as a key aspect of resiliency planning.
 - g. Voluntary and proactive resilience actions through incentives such as streamlining permitting.

Major Changes to Draft Adaptation Plan

- Recommended reevaluation time for Adaptation Plan:
 - *Approximately every five to ten years in response to substantive new information, including major updates to the State of California Sea-Level Rise Guidance*

Major Changes to Draft Adaptation Plan

- “Highest Priority” near-term actions:
 - Shoreline Monitoring Program
 - Update to Hazard Mitigation Program
 - Redesign Laguna Tide Gate
 - Relocation and floodproofing of major sewer and utility lines
 - Optimize and expand beach nourishment
 - Raise Harbor breakwater, groins, and walkways
 - Raise Harbor marinas and pier
 - Triggers for closing Stearns Wharf during storms

Major Changes to Draft Adaptation Plan

- Additional implementation recommendations:
 - SLR program to include a robust public information and outreach component, with all processes, data, and findings being as publicly transparent as possible
 - All projects should be developed with consideration of Adaptation Plan
 - While each City department will undertake specific projects, there's a need for coordination through a central staff team

PUBLIC COMMENT

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to speak

DRAFT SUBCOMMITTEE RECOMMENDATION

The Sea-Level Rise Adaptation Plan Subcommittee recommends that:

1. City Council approve a resolution to:
 - a. Adopt the City of Santa Barbara Sea-Level Rise Adaptation Plan (Adaptation Plan).
 - b. Initiate a Local Coastal Program Amendment to update the City's Local Coastal Program as needed with current best available sea-level rise shoreline hazard information and other policy edits to implement the Adaptation Plan.
 - c. Begin implementation of the Adaptation Plan, including development of a Five-Year Implementation Plan and a Sea-Level Rise Adaptation Program. The City's Sea-Level Rise Adaptation Program should include a robust public information and engagement component, with all data, studies, actions, and processes being as publicly transparent as possible.
2. City Council commit funding necessary to implement the City's Sea-Level Rise Adaptation Program.